



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/802,606	03/17/2004	David M. Ziemann	14846-54

CONFIRMATION NO. 8921

FORMALITIES LETTER



OC000000012844335

28221
 GLEN E. BOOKS, ESQ.
 LOWENSTEIN SANDLER PC
 65 LIVINGSTON AVENUE
 ROSELAND, NJ 07068

Date Mailed: 06/02/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria VA 22313-1450

07/23/2004 WABDEIR1 000000047 501358 10802606
 01 FC:1051 130.00 DA

*A copy of this notice **MUST** be returned with the reply.*

Y-6
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/802,606
		Filing Date	March 17, 2004
		First Named Inventor	Ziemann et al.
		Art Unit	2171
		Examiner Name	TBD
Total Number of Pages in This Submission		Attorney Docket Number	14846-54

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 2px; display: inline-block;"> Declaration & Power of Attorney (4 sheets - executed) </div> Post Card
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	JUSTIN D. PETRUZZELLI (REG. NO. 52,118) LOWENSTEIN Sandler PC 65 LIVINGSTON AVENUE, ROSELAND, NJ 07068
Signature	
Date	JULY 20, 2004

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Typed or printed name	KELLY BILLINGSLEY		
Signature		Date	JULY 20, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known	
Application Number	10/802,606
Filing Date	March 17, 2004
First Named Inventor	Ziemann et al.
Examiner Name	TBD
Art Unit	2171
Attorney Docket No.	14846-54

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:Deposit Account Number **501358**Deposit Account Name **LOWENSTEIN SANDLER PC**

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	<input type="text"/>
1002	330	2002	165	Design filing	<input type="text"/>
1003	520	2003	260	Plant filing fee	<input type="text"/>
1004	750	2004	375	Reissue filing	<input type="text"/>
1005	160	2005	80	Provisional filing fee	<input type="text"/>
SUBTOTAL (1) (\$)		<input type="text"/>	<input type="text"/>		

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims	Fee from below	Fee Paid
Total Claims <input type="text"/> -20** = <input type="text"/> 0 <input type="checkbox"/> X <input type="text"/> = <input type="text"/> 0.00		
Independent Claims <input type="text"/> -3** = <input type="text"/> 0 <input type="checkbox"/> X <input type="text"/> = <input type="text"/> 0.00		
Multiple Dependent <input type="text"/> = <input type="text"/> 0.00		

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	<input type="text"/>
1201	84	2201	42	Independent claims in excess of 3	<input type="text"/>
1203	280	2203	140	Multiple dependent claim, if not paid	<input type="text"/>
1204	84	2204	42	** Reissue independent claims over original patent	<input type="text"/>
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	<input type="text"/>
SUBTOTAL (2) (\$)		<input type="text"/> \$0.00			

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES	Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051	65 Surcharge - late filing fee or oath	<input type="text"/> 130.00
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
1053	130	1053	130 Non - English specification	<input type="text"/>
1812	2,520	1812	2,520 For filing a request for ex parte reexamination	<input type="text"/>
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action	<input type="text"/>
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action	<input type="text"/>
1251	110	2251	55 Extension for reply within first month	<input type="text"/>
1252	410	2252	205 Extension for reply within second month	<input type="text"/>
1253	930	2253	465 Extension for reply within third month	<input type="text"/>
1254	1,450	2254	725 Extension for reply within fourth month	<input type="text"/>
1255	1,970	2255	985 Extension for reply within fifth month	<input type="text"/>
1401	320	2401	160 Notice of Appeal	<input type="text"/>
1402	320	2402	160 Filing a brief in support of an appeal	<input type="text"/>
1403	280	2403	140 Request for oral hearing	<input type="text"/>
1451	1,510	1451	1,510 Petition to institute a public use proceeding	<input type="text"/>
1452	110	2452	55 Petition to revive - unavoidable	<input type="text"/>
1453	1,300	2453	650 Petition to revive - unintentional	<input type="text"/>
1501	1,300	2501	650 Utility issue fee (or reissue)	<input type="text"/>
1502	470	2502	235 Design issue fee	<input type="text"/>
1503	630	2503	315 Plant issue fee	<input type="text"/>
1460	130	1460	130 Petitions to the Commissioner	<input type="text"/>
1807	50	1807	50 Processing fee under 37 CFR § 1.17(q)	<input type="text"/>
1806	180	1806	180 Submission of Information Disclosure Statement	<input type="text"/>
8021	40	8021	40 Recording each patent assignment per property (times number of properties)	<input type="text"/>
1809	750	2809	375 Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>
1810	750	2810	375 For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>
1801	750	2801	375 Request for Continued Examination (RCE)	<input type="text"/>
1802	900	1802	900 Request for expedited examination of a design application	<input type="text"/>
Other fee (specify)		<input type="text"/>		
SUBTOTAL (3) (\$)		<input type="text"/> \$130.00		

*Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete if applicable			
Name (Print/Type)	JUSTIN D. PETRUZZELLI	Registration No. (Attorney/Agent)	52,118	Telephone	973-597-2500
Signature				Date	JULY 20, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
ZIEMANN ET AL.) : Examiner: NYA
Application No.: 10/802,606) : Group Art Unit: 2171
Filed: March 17, 2004) :
For: PROCESSING OF TREE DATA)
STRUCTURES : July 20, 2004

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE
MISSING PARTS OF NONPROVISIONAL APPLICATION

Sir:

Applicants have received a Notice To File Missing Parts Of Nonprovisional Application dated June 2, 2004 for the above-identified application. A copy of this Notice is enclosed. Also enclosed is the executed oath required by such Notice. The Commissioner is authorized to charge the \$130.00 surcharge to Deposit Account 501358.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

July 20, 2004

Date of Deposit

Kelly Billingsley

Name

Kelly Billingsley

Signature

July 20, 2004

Date of Signature

Applicants' undersigned attorney may be reached by telephone at (973) 597-2500.

All correspondence should continue to be directed to our address listed below.

Respectfully submitted,



Justin D. Petruzzelli
Attorney for Applicants

Registration No. 52,118

DOCKET ADMINISTRATOR
LOWENSTEIN SANDLER PC
65 Livingston Avenue
Roseland, NJ 07068